ACADEMIC NEWS

Loyola
OF MONTREAL

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NEW CONCEPT IN EDUCATION IMPLEMENTED BY LOYOLA

Loyola College will add a new dimension to educational methodology next week. The College is initiating a "co-operative educational unit". Under the innovative plan universities and high schools pool their talents for the benefit of secondary school students. The unit is a first for Canada and possibly a first of its kind on even a broader scope. Two of the prime benefits for the students participating are that the unit adds relevance to and serves as a motivational stimulus for achievement in present high school courses.

Selected to participate have been thirty academically-gifted Montreal area high school students from St. Thomas, Pierrefonds Comprehensive, and Loyola High Schools. To attend Loyola College, these students will be released from their regular class schedule for one week (November 22 - 26 inclusive). During this period, they will, under the Loyola co-operative education unit, take a multidisciplinary course "Science In The 70's". Some of the most distinguished members of Loyola's science faculty, in the biology, chemistry, engineering, mathematics, physics and computer science departments will be lecturing and directing laboratory sessions (curriculum attached). Dean of the Science Faculty, Father A.J. Graham, S.J., stated that, "His

professorial staff was looking forward to the challenge of working with the students selected and initiating this new concept in educational methodology".

The co-operative educational unit was developed as a result of research work done at Loyola College and Boston University by Mr. Edmund Enos. Enos is presently completing requirements for a doctorate in Education at Boston University. He is Loyola's Director of Physical Education and teaches in the Department of Interdisciplinary Studies.

Principals, Father K. Casey, S.J., of Loyola, Mr. Luc Henrico of St. Thomas, and Mr. John Oss of Pierrefonds Comprehensive served as consultants in Enos' study. The three are Loyola graduates.

Mr. Oss feels that a program of this type especially involving academically-gifted students can and will fill a void in the existing educational structure. Oss commented, "The needs of average students and those with learning disabilities allow too little time and funds in most school curricula to conduct as many special programs for the gifted as we would like to". Mr. Henrico, another progressive minded educator, sees the Loyola program as a further extension of the theory that more emphasis must be placed on learning outside of the classroom. Henrico stated, "If we are to keep pace with modern technology,

we must make use of all available resources within the community". Father Casey of Loyola High School concurs with his colleagues but views the major value of the co-operative unit will be in helping the students participating bridge the gap between high school and university education.

Although the effect of the Loyola's co-operative unit is to be studied at length, and the results will not be known for months, the enthusiasm by both college and high school educators is high. Plans by both bodies are already underway for the Loyola co-operative program to be lengthened, expanded, and diversified in 1972.

CO-OPERATIVE EDUCATION

Population: Academically-gifted secondary school students.

Phase: Pilot study.

Course: Science in the 70's

TIME	CURRICULUM	PROFESSOR	ROOM
Monday, Nov. 22			
9:00 to 10:00	Introduction	Dean A. Graham	D-106
10:00 to 12:00	Engineering "Mechanics"	Dean G. Joly	C-105
12:00 to 1:00	Lunch		
1:00 to 2:00	Organic Chemistry Lecture	Dr. M. Doughty	Drummond Aud.
2:00 to 4:00	Organic Chemistry Laboratory	Dr. M. Doughty	D-312
Tuesday, Nov. 23			
9:00 to 12:00	"Problems on Geology"	Staff	D-207
12:00 to 1:00	Lunch		
1:00 to 2:25	Instrumental Chemistry	Dr. R. Zienius	D-417
2:30 to 3:15	Physical Education "Martial Arts"	Mr. H. Nakamura	Gymnasium
3:20 to 4:05	Physical Education "Bio-mechanics"	Mr. E. Enos	Lecture Room Athletic Comp.
Wednesday, Nov.24			
9:00 to 10:00	Electrical Engineering	Mr. S. Kubina,staff	C-105
10:00 to 11:00	Engineering "Cybernetics"	Mr. S. Kubina,staff	C-105
11:00 to 12:00	Mathematics "Introductory Calculus"	Mr. R. Smith	B-417
12:00 to 1:00	Lunch		
1:00 to 4:00	Physics "Optics & Electronics" Lab	Dr. C.E. Eappen	D-211
		Mr. J. Shin	D-322
Thursday, Nov. 25			
9:00 to 12:00	Computer Science, "Differential Equations"	Dr. D. West	C-405
		Mr. B. Desai	C-405
12:00 to 1:00	Lunch		
1:00 to 4:00	"New Pathways & Biology"	Dr. R. Omran	D-436
Friday, Nov. 26			
9:00 to 10:00	Mechanical Engineering	Mr. K. Krakow	C-105
10:00 to 11:00	Civil Engineering	Mr. K. Krakow	C-105
11:00 to 12:00	Physical Science "Origin of Life"	Dr. R. Pallen	D-105
12:00 to 1:00	Library Science (Vanier Library)	Miss I. Sendek	Reference
1:00 to 3:00	Buffet Lunch, Awarding of Certificates	Mr. P. Regimbald	Vanier Aud.

B - Bryan Building
C - Central Building
D - Drummond Science Building
Drummond Aud. - Drummond Auditorium
Athletic Comp. - Athletic Complex
Vanier Aud. - Vanier Auditorium

Program Directors:
Mr. Edmund Enos, Director of Physical Education,
Aloysius Graham, S.J., Dean of Science